

ABSTRACT OF THE DISCLOSURE

In order to receive satellite broadcasting (BS and CS) and terrestrial broadcasting (VHF and UHF), complicated wiring is required in a personal residence for transmitting broadcasting signals to a plurality of TV receivers while new distributors must be additionally set for installing additional TV receivers in a condominium previously provided with distributors limiting the number of settable TV receivers. The inventive millimeter wave communication system forms power supply paths by simply connecting a BS/CS antenna with a millimeter wave transmitter and connecting an electronic apparatus such as a TV receiver with a millimeter wave receiver through connectors or the like while transmitting/receiving broadcasting signals by millimeter wave radio communication without employing wires such as coaxial cables indoors.